

# APPENDIX E. ERRATA TO 1999 ENVIRONMENTAL REPORT

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## Protocol for Handling Errata in LLNL Environmental Reports

The advent of readily accessible, electronic documents on the Internet has made the LLNL site annual environmental report (SAER) a truly dual publication with its bound, hard-copy and its Internet electronic forms. These two versions must be fully equivalent and, in fact, the content must be precisely the same, both in their original versions as first presented to the public, and as they are changed (noted as published errata) subsequent to publication.

In October 1998, LLNL developed a protocol for making post-publication revisions to the Internet versions of SAERs. The main criteria are that (1) the SAER home page must simply and clearly convey what revisions, if any, have been made to a particular report, and directly link to an errata information section; (2) credibility that the Internet version accurately represents each SAER must be maintained; (3) each SAER accessible on the Internet at any time shall be the most current version of the report, incorporating all revisions; and (4) the content of the electronic and hard copy versions of each SAER must be the same, in the sense that the hard copy version plus its errata, if any, must provide the same information as the current (revised) Internet version.

Presently SAERs covering calendar years 1994 through 1999 can be accessed on the Internet at the address of the LLNL SAER homepage:

<http://www.llnl.gov/saer>. Both the main volume and data supplement volume of each individual report can be viewed in its fully corrected, most up-to-date form. A link to an errata section provides a complete record of post-publication changes that have been made.

## Record of Changes to SAER for 1999

The following changes have been made to the Internet version of Chapter 6 of the main volume.

In Table 6-4 on page 6-10:

- replaced the row label “DOE 5400.5 monthly DCG<sup>(e)</sup>” with the following: “DOE annualized discharge limit for application of BAT<sup>(e)</sup> (Bq/mL)”
- on same row, added footnote designator “(f)” to the data for LLNL maximum ( $1.2 \times 10^{-4}$ ) and LLNL median ( $1.7 \times 10^{-5}$ )
- replaced footnote (e) with the following: “The DOE annualized discharge limit for application of best available technology (BAT) is five times the Derived Concentration Guide (DCG; ingested water) for each radionuclide released.”
- added footnote (f) as follows: “Monitoring results as a fraction of limit are calculated using LLNL monthly average results and the DOE annualized discharge limit.”

In Table 6-5 on page 6-12:

- changed the exponents for the  $^{137}\text{Cs}$ ,  $^{239}\text{Pu}$ , and Total quantities in the row labeled “Bq/y” under “Annual total discharges by radioisotope” from negative to positive. The correct values are  $1.2 \times 10^6$ ,  $6.8 \times 10^4$ , and  $1.3 \times 10^6$  for  $^{137}\text{Cs}$ ,  $^{239}\text{Pu}$ , and Total, respectively.
- replaced the row label “DOE 5400.5 monthly DCG<sup>(i)</sup>” with the following: “DOE annualized discharge limit for application of BAT<sup>(i)</sup>”
- deleted “monthly” in footnote (h) to read “...and the corresponding concentration-based limit ...” instead of “...and the corresponding monthly concentration-based limit...”
- replaced footnote (i) with the following: “The DOE annualized discharge limit for application of best available technology (BAT) is five times the Derived Concentration Guide (DCG; ingested water) for each radionuclide released.”

On page 6-14:

- in the first sentence of the fourth paragraph, deleted the word “monthly” to make sentence read “...DOE Order 5400.5 concentration-based limit for tritium ...” instead of “...DOE Order 5400.5 monthly concentration-based limit for tritium ...”
- in the first sentence of the last paragraph, deleted “monthly average” to make the sentence read “In addition to the DOE concentration discharge limit...” instead of “In addition to the DOE monthly average concentration discharge limit...”
- in the second sentence of the last paragraph, replaced “monthly concentrations” with “an annualized concentration” to make sentence read “... applies to a daily rather than an annualized concentration.” instead of “... applies to daily rather than monthly concentrations.”